

Title (en)

RADIO RECEIVER WITH ADAPTIVE TUNER

Title (de)

FUNKEMPFÄNGER MIT ADAPTIVEM ABGLEICHER

Title (fr)

RÉCEPTEUR RADIO À SYNTONISEUR ADAPTATIF

Publication

**EP 2636152 B1 20190821 (EN)**

Application

**EP 10859202 A 20101101**

Priority

IB 2010054929 W 20101101

Abstract (en)

[origin: WO2012059782A1] This application provides a mobile radio receiver for a vehicle. The mobile radio receiver comprises a tuner front-end section, a location data port, a sensor port, and a data processing unit. The location data port is used for receiving tuner location data. The sensor port is used for receiving one or more sensor signals. The data processing unit is operably connected with the tuner front-end section, with the location data port, and with the sensor port. The data processing unit further comprises two or more pre-determined tuner location data and two or more pre-determined relationship data sets for determining a set of tuner front-end section parameters based on the sensor signals. The mobile radio receiver provides an operational mode, a checking mode, a tuner parameter adjustment mode, and a tuner parameter application mode.

IPC 8 full level

**H04B 1/06** (2006.01)

CPC (source: EP US)

**H04B 1/082** (2013.01 - EP US); **H04B 1/16** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2012059782 A1 20120510**; CN 103415997 A 20131127; CN 103415997 B 20151125; EP 2636152 A1 20130911; EP 2636152 A4 20170322; EP 2636152 B1 20190821; US 2013288625 A1 20131031; US 8948715 B2 20150203

DOCDB simple family (application)

**IB 2010054929 W 20101101**; CN 201080071015 A 20101101; EP 10859202 A 20101101; US 201013882949 A 20101101